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JUL 12 '79

AGRICULTURAL LIBRARIES INFORMATION NOTES

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CURRENT SERIAL RECORDS

PRESTEL - THE BRITISH POST OFFICE VIEWDATA SERVICE

Viewdata, a new medium for selling services and providing information to the public, is being marketed in the United States by the British Post Office Information System under the name Prestel. Following the British Post Office's decision to drop Viewdata as a trade name in favor of Prestel, viewdata is now a generic name for low cost, easy-to-use, two-way information services linking computer databases to adapted tv sets through the telephone network or CATV. The word Prestel is a trademark not an acronym.

A briefing on Viewdata was given to the staff of Technical Information Systems, USDA on March 22 by LINK of New York City in association with Butler Cox & Partners Limited of London. Viewdata offers a new medium for selling services and providing information to the public. It links two familiar pieces of domestic equipment -- the telephone and television. At the touch of a button customers can call up information over the telephone from an almost unlimited store, and display it in words or simple diagrams on a tv screen. Alternatively they can compose messages for transmission to other users. The system provides a two-way communications facility and is interactive. Viewdata differs from teletext, in that the latter is a one-way broadcast or table transmitter service, which also provides low-cost, easy-to-use information access via adapted tv sets, but is not interactive.

Prestel, the British version of Viewdata, is a collaborative development in which the British Post Office has joined in partnership with Britain's tv and electronics industry, and with the information industry. More than 150 publishing and other organizations have contracted with the Post Office to supply -- in nearly 200,000 frames -- the great variety of information which users will be able to call up.

Prestel users must connect their tv sets through an extension socket to the regular telephone. These tv

sets contain extra electronic circuits that enable them to be plugged into a telephone line -- like an extension telephone -- and automatically call up the Prestel users. The tv sets are also supplied with push-button control units to select Prestel information. Built into every user's set is its own unique Prestel code number for identification and billing purposes. To get Prestel information, users would first switch on the tv set and then call up their local Prestel centre by pressing a button on the control unit. They would not even have to lift the telephone receiver. Nine tv manufacturers have successfully met the British Post Office safety and technical requirements for tv sets equipped for Prestel.

In a slide/tape presentation at the briefing on March 22, Thea James, coordinator of Prestel activities at the Ministry of Agriculture, Fisheries, and Food, commented on the Prestel activities at the Ministry as follows:

The Ministry of Agriculture, Fisheries and Food has responsibility for the agriculture, horticulture, fishing, food, and drink industries. It administers the common agricultural policy arrangements for the European Economic Community and it provides extensive technical services for farmers and growers and has statutory duties on the control and eradication of animal and plant diseases. We see Prestel as a medium of great potential for the rapid communication of facts and intelligence to these various industries. We also see a potential for inter-office communication where information can be speedily made available from headquarters to regional, divisional, and local offices. Specific information for specialists services such as veterinary, nutrition, chemistry, and entomology or work study can be made available on a closed user group system. We, therefore, made three basic decisions: (1) we would take part in a market trial on an extensive scale--we are using some 2,000 frames; (2) we would

(Continued on page 2)

(Continued from page 1)

limit our data base to three types of information: technical advice for farmers and growers, general advice on food and nutrition aimed at consumers, schools and colleges, and news items, policy decisions, special events, etc., of interest to the general public; (3) our third and final decision was to concentrate most of our effort and all of our research on the technical advice for farmers. This is the area where immediate dissemination of information can be vital and where encyclopaedic information can be readily updated and cross referenced. This part of our data base will, of course, be of most interest to the USDA. Initially we selected eight categories and within each we devised a structure which covers almost all of the topics on which we give technical advice. These categories are: estate management, soils and drainage, business management and labor, crops and grass, special announcements, such as disease outbreaks and so on, livestock, marketing, and mechanization. For the moment, most of our information is encyclopaedic for reference seasonally. This of course, may change and depends especially on what farmers want. With the pest disease and intelligence reports, however, we expect to update at least weekly and probably daily during the growing season. For outbreaks of specific

diseases such as the current swine vascular disease, the list of precautions and details of regulations and emergency procedures can be called up in seconds via the stock press. Where appropriate, we will cross reference our information to other data bases; for instance, the meteorologic office or the health and safety executive. Most of this information, of course, is already available to our farmers through a telephone information service which is a recorded message system. It will be interesting to see how Prestel affects the use of this service. We have sponsored ten farmers to use Prestel in their farm offices for the next year. From the results of our research with them, we hope to establish what kinds of information they need, how they want it presented, how often they need it updated, how they use it, how useful it is and so on. First reactions are very enthusiastic and farmers see Prestel as bridging a gap between the flood of printed information on the one side and face-to-face consultation with local advisers on the other. Within the Ministry we hope to see it taking quite a load off our local offices which normally have to spend lengthy periods on the phone repeating more or less the same advice to several callers. This would, we feel, allow our advisers much more time to actually

2030a 0.5p
MAFF - Key 0 anywhere in our data-
base to return here

- 1 Advice for farmers and growers
- 2 Imports and exports advice
- Grants, subsidies & other regulations
- 4 Food and nutrition
- 5 Rabies and other diseases
- UK Food and farming in figures
- Fisheries
- 8 News, events, and **STOP PRESS**
- 9 Latest reports
for farmers and growers
- 0 Responsibilities & functions of MAFF

MAFF Prestel Unit
Information Division
Whitehall Place East
London S W 1 Tel: 01-839 7711
ext 680 or 679

Prestel: Example of index

(Continued on page 3)

MAFF

20389a

O. 5p

STOP PRESS . 14 FEBRUARY

Further outbreaks of SWINE VESICULAR DISEASE have been confirmed in Humberside. The pigs involved have been slaughtered.

All pig keepers and animal hauliers should strictly observe the conditions of the Movement and Sale of Pigs Order 1975 and be particularly vigilant in ensuring that SVD does not spread. Sull feeders should take great care ensure that all their waste food is properly processed and that pigs cannot gain access to unprocessed waste food.

Key 8 for Precautions

Prestel: Example of a page of information

visit the farms and offer specific advice where and when it is needed. We also see possibilities of reducing our print output and related savings in administration and distribution. We do not expect to see any great financial savings for some years, and we accept that the information reward from Prestel will be slight until a sensible portion of farmers have access to it. We plan, however, to make as much information as possible available through this medium at this very formative stage. The whole of the Prestel data bases is open to influence at the moment; and, in fact, the agricultural structure is based on the structure which this Ministry prepared. Our own data base is still quite fluid and we intend to continue experiments on layout, content, and

choice of topics. But we fully expect our highly efficient farming industry to recognize Prestel as the powerful new channel of communication it undoubtedly is and to let us know in no uncertain terms how, when, and why they want to utilize it. We will also, of course, need to know what action they took once they saw the information on the screen. For further information please write to

--Thea James, Information Division
Ministry of Agriculture, Fisheries and Food
White Hall Place, London SW1

UNIVERSITY

OF

ILLINOIS

TO HOST AGRICOLA ONLINE COURSE

The Technical Information Systems, Science and Education Administration is sponsoring a five-day workshop to train librarians and information specialists in the utilization of its AGRICOLA bibliographic data base in an online mode. Charles L. Gilreath, who compiled the CAIN ONLINE USERS MANUAL, will teach the course with the aid of terminal instructors.

The course will be held July 30-August 3 at the Illini Union Building, University of Illinois, Champaign-Urbana, IL.

Twenty persons will be accepted in the course. Applicants must be professional librarians or information specialists with advanced academic degrees. The course is introductory to the use of AGRICOLA; no prior terminal experience is required. The course will provide extensive lecture, exercise, and terminal experience with commercial systems offering AGRICOLA. All equipment, manuals and instructions will be provided. Persons wishing to attend the course should submit their names on letterhead stationery by July 20 to:

Reference Branch, TIS
National Agricultural Library
Beltsville, Maryland 20705

Please indicate in letter which of the three systems--Lockheed, Systems Development Corporation, or Bibliographic Retrieval Service is of most interest.

Emergency telephone reservations, or inquiries, may be made by calling (301) 344-3834. Registrants will be responsible for their lodging, meals, and transportation. Lodging is available at the Illini Union, University of Illinois, Champaign-Urbana, IL, 61820. Reservations should be sent to attention of Mr. Licht. Telephone (217) 333-1241.

ELECTRONIC MAIL

by

G. D. Paulsen

Management Information Systems Branch

TIS/SEA/USDA

Technical Information Systems (TIS) is conducting a pilot test of electronic communications for the Extension Service. The objective of the test is to determine the feasibility of using electronic communications to communicate between Extension people located on university campuses all over the U.S. and Extension people in Washington. It is hoped that the use of electronic systems for communication will provide a means of delivering messages faster than is possible using the postal service, to provide a hard copy of communications usually made by telephone, and to simplify and lower the cost of sending communications to a number of addresses.

The pilot project is being conducted under the sponsorship of the Extension Committee on Organization and Policy (ECOP). It involves 23 States and the Deputy Director of Extension. The TELEMAL system operated by the University of Wisconsin Computer Center is being used for purposes of the pilot test. The system is accessed either through TELENET, Federal Telecommunications System, or long distance lines.

To send a message the user contacts the computer by using a dial-up terminal, identifies the addressee, then types in the message. The message will be stored in the computer until the sender deletes it. The system has a mailing list capability so that messages can be sent to a number of addressees by entering the name of the mailing list in which their addresses are contained.

To receive messages the user contacts the computer using a dial-up terminal and receives an indication of the number of incoming messages, the subject, the number of lines and the sender of each. The user can have the messages printed selectively.

An evaluation is being carried out using data supplied by the users and by the computer center. Initial indications are that the system is cost competitive with other communications media and in some cases may even save money over other alternatives.

State Extension services included in the pilot test are those in

ALASKA	MARYLAND	OKLAHOMA
ARKANSAS	MASSACHUSETTS	TEXAS
CALIFORNIA	NEW HAMPSHIRE	VIRGINIA
INDIANA	NEW JERSEY	WASHINGTON
IOWA	NORTH CAROLINA	WEST VIRGINIA
KENTUCKY	NORTH DAKOTA	WISCONSIN
	OHIO	WYOMING

and at Southern University in Louisiana and Prairie View Agricultural & Mechanical University in Texas.

Messages sent and received by Electronic Mail

EMAIL
MCC MAIL 2.2C 04/20/79 15:00:56
MESSAGE(S): 0 UNSEEN, 6 SEEN, AND 27 OUTGOING

STATUS INCOMING

INCOMING MESSAGES 4/20 15:01

#	ORIGINATOR	POSTMARKED LINES	SUBJECT
28	MD=MAIL	4/4 15:13	7 USE OF MAILBOX SYSTE
29	WI=MAIL	4/4 16:26	8 MAILBOX EVALUATION
30	WI=MAIL	4/5 15:11	5 TO SEATIS=MAIL
31	WI=MAIL	4/10 9:59	4 PILOT TEST EXT.
32	OK=MAIL	4/10 14:06	16 OUTGOING MAIL
33	IA=MAIL	4/11 16:22	22 MARCH LOG

PRINT 31

31 FROM WI=MAIL 4/10 9:59 PILOT TEST EXT. 4 LINES

MSG FOR TOM AND JERRY.... OK ON EXTENSION OF THE PILOT EST... WE WILL KEEP A LOG OF OPERATIONS HERE AS REQUESTED... GOT OUR TERMINAL BACK ON LINE IN GALE'S OFFICE SO HE CAN CONVENIENTLY USE IT... REGARDS, BOB FORBESS

PRINT 30

30 FROM WI=MAIL 4/05 15:11 TO SEATIS=MAIL 5 LINES

TO CHET SWANK.... I JUST GOT THIS TERMINAL BACK FROM THE REPAIR DEPOT AND IT APPEARS TO CHECK OUT OK.... THANKS AGAIN FOR YOUR INPUTS RE THE RECORDING OF AUDIENCE COUNTS BY SEX FOR FY 1980... WILL KEEP YOU INFORMED OF OUR PROGRESS IN SNOWYLAND.. I MEAN BADGERLAND!
SIGNED: BOB FORBESS

DEFIN

GOOD BYE

RUNID: Y51167 PROJECT: 13110

USER: 10634

TOTAL COST \$1.40

PROJECT WILL EXPIRE IN LESS THAN 14 DAYS

PREVIOUS RUN TIME: 13:38:14 APR 19, 1979

BRUN MAIL, 13110, 477294812, \$6.00

RUNID: Y51172 DATE: 042079 TIME: 150338

BOTH THE 750 AND THE 1136 PLOTTERS ARE DOWN.

ESTIMATED UP TIME IS NEXT MONDAY OR TUESDAY.

PASSWORD PLEASE

CONTINUE

EMAIL

MCC MAIL 2.2C 04/20/79 15:04:04
MESSAGE(S): 0 UNSEEN, 0 SEEN, AND 6 OUTGOING

STATUS OUTGOING

OUTGOING MESSAGES 4/20 15:04

#	ADDRESSEE	POSTMARKED LINES	SUBJECT	DELIVERED
1	PVTX=MAIL	2/5 12:11	17 ADDRESSEE LIST	
2	SOLA=MAIL	2/5 12:27	16 ADDRESSEE NAMES	
3	HA=MAIL	2/5 12:33	17 ADDRESSEE NAMES	4/5 7:17
4	SOLA=MAIL	3/8 14:26	12	
5	HA=MAIL	3/8 14:26	12	4/5 7:17
6	VA=MAIL	4/3 12:26	13 CHN ADVISORY	4/6 15:23

COURSES ON INFORMATION RESOURCES

by Linda White
College of Agriculture
University of Arizona

The College of Agriculture at the University of Arizona has developed courses in the uses of information resources for both students and faculty. To educate faculty about computerized and published information sources, a series of short courses were held May 10 and May 12, 1978. (See *Agricultural Libraries Information Notes* 4(6) June 1978). A 46 page manual was compiled to provide shortcourse participants with a resource handbook on general information sources for programs in the College of Agriculture.

Through the combined efforts of three faculty members in the College of Agriculture, agriculture students in the University of Arizona are exposed to a variety of library tools by taking the course "Information Sources for Agricultural Scientists." The course has been offered as a College-wide service course since 1975. It originally began as separate seminars in three different departments. Combination of the seminars into a single one-unit course has avoided duplicative efforts for the instructors and also exposes the students to a broader range of information tools.


The course can be taken by undergraduate or graduate students but to date normally 95% of the students are graduates, beginning their thesis or dissertation work. The students come from a mix of subject backgrounds, including human nutrition, biochemistry, plant sciences, genetics, water resources, wildlife, and landscape architecture.

The course is intended as a general survey course, highlighting for students a range of information tools and services. Some services can be used immediately and others, due to associated charges, will not be used until the student is working in his respective field. Course objectives include evaluating alternative sources and methods for information retrieval; understanding various types of indexing and abstracting, with advantages and limitations of each kind; and increasing awareness of alerting services, information centers, and computer services with offer assistance to scientists in keeping abreast of new developments.

Through one-hour classes once a week for 16 weeks, students are exposed to a range of ideas and tools: the research library's card catalog; interlibrary loan; the Library of Congress and its *National Union Catalog*; conventional versus coordinate indexing; various agricultural and science tools such as *Dissertation Abstracts*, the *Bibliography of Agriculture*, and *Science Citation Index*; finding conference papers; computer bibliographic searches;

selecting search terms for an online search; abstract writing; microform use; U.S. government documents; publications of world organizations like FAO; translations; alerting services; consumer guides and other "popularized" information sources; and personal file organization techniques.

The main course requirement is a class paper which evaluates various information tools and services in terms of their usefulness in helping the student compile his literature review. Most students use as their topic their dissertation or thesis topic. The students soon learn that the same tool or publication can be very helpful for one student and next to useless for the next student.

Even though the vast majority of the students in the class are graduates, very few of them seem to have been exposed to the information sources covered in the course. For example, at the start of one course, only 8 out of 21 students could list three published indexes that cover their own fields of study. Seven were not able to name even one tool. Furthermore, 18 could not identify what the *Monthly Catalog* covers. Sixteen had not even heard of use of computers to retrieve bibliographic references. The instructors are interested in identifying any other similar courses taught to other agriculture students, and would very much appreciate the chance to exchange course outlines with other instructors. Please send any information regarding similar instructional course to Linda White, College of Agriculture, University of Arizona, Tucson, Arizona 85721. 

RESERVE NOVEMBER 26-28

TIS is holding its fall conference of agricultural, land-grant, and forestry librarians and information handlers in Washington, D.C., at the same hotel and concurrently with the annual meeting of the National Association of State Universities and Land-Grant Colleges. On Tuesday morning, November 26, the Agriculture Division's General Session will be devoted to agricultural information technology.

Program plans are underway for the Joint Session as well as the total three days. If you wish to make suggestions, please contact Wallace C. Olsen, Library Services, NAL/TIS (301-344-3834).

USDA REGIONAL DOCUMENT DELIVERY SYSTEM EXPANDED

Effective April 1, 1979, the Regional Document Delivery System was extended to USDA employees in the states of Nevada and Tennessee bringing the total number of States involved to 26. The service is being provided from the major land-grant institution in each State through a reimbursable agreement with TIS/NAL.

USDA personnel in the state of Nevada may send their job related requests for books or journal articles to:

Head, Interlibrary Loan Services
Life & Health Science Library
Fleischman Agricultural Building
University of Nevada
Reno, Nevada 89507

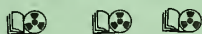
For emergency service call: (702) 784-6616.

USDA personnel in the state of Tennessee may send their job related requests for books or journal articles to:

Head, Interlibrary Services
James D. Hoskins Library
University of Tennessee
Knoxville, Tennessee 37916

For emergency service call: (615) 975-4240.

Requests should be submitted on the regular USDA AD-245 document request form. The SEA Current Awareness Literature Service forms may be submitted in lieu of the AD-245 form, one citation clearly marked, and a single sheet for each citation desired.



AMERICAN NATIONAL STANDARDS COMMITTEE Z39 MEETS IN WASHINGTON, D.C.

The American National Standards Committee Z39; Library and Information Science and Related Publishing Practices held its annual meeting on May 9, 1979 at the Library of Congress (Whittall Pavilion; 10:00 A.M. - 3:30 P.M.), Washington, D.C.

The agenda for this meeting included Chairman James Wood's Report; Executive Director Robert Frase's Report; a report on International Standardization Activities by Henriette D. Avram, Chairperson of Z39 Subcommittee 2; a report by

C. Lee Jones (Council on Library Resources, Inc.) on Bibliographic Service Development Program; report on the Z39 Standards Program for 1979-1980 by Sally H. McCallum, Chairperson, Z39 Program Committee; future funding report by John T. Corrigan, C. F. X., Chairperson, Z39 Finance Committee.

Z39, organized in 1939, will celebrate its 40th birthday with a reception hosted by the Council of National Library and Information Associations, Inc., Secretariat for Z39 since 1951.

Contact Sally H. McCallum, Z39 Vice Chairperson, Network Development Office, Library of Congress, Main Building, Room 122A1, Washington, D.C. 20540; (202) 426-5000.

NEW PUBLICATIONS OF NOTE



Center for Community Development and Research: A Selected Bibliography of Current Literature on Poverty. Tallahassee, Florida, Florida A & M Univ., 1978. 27 p. Single copies free on request from the Center, P.O. Box 258, Florida A & M Univ. Tallahassee, FL 32307.

USDA/CRIS ONLINE SEARCH AID AVAILABLE FROM NTIS: *Manual of Classification of Agricultural and Forestry Research*, Revision III, 1978, Current Research Information System, AID, Technical Information Systems, U.S. Department of Agriculture, 167 p. (A listing and descriptions of classifications used in classifying research projects documented in CRIS. Also, useful as a search tool for accessing CRIS projects online via Lockheed DIALOG). Order from: National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161. Telephone (703) 577-4600; NTIS Accession No. PB286099/AS; Report No. USDA-CRIS-MC-78-01; paper copy \$8.00; microfiche \$3.00.

NEW SERIALS RECEIVED AT NAL



Advances in agricultural technology. Berkeley, Calif., Office of the Regional Administrator for Federal Research, (Western Region), Science and Education Administration, U.S. Dept. of Agriculture. no. 1, Aug. 1978. aS21.A76U66

Agricultural research results. Berkeley, Calif. Office of the Regional Administrator for Federal Research, (Western Region), Science and Education Administration, U.S. Dept. of Agriculture. no. 1, Aug. 1978. aS21.S22U5

Asia agricultural situation; review and outlook. U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. 1977/78. aHD1415.A7

Cooperative research report. U.S. Dept. of Agriculture, Economics, Statistics, and Cooperative Service. no. 1 1978. aHD1491.A1U54

Field crops research. Amsterdam. Elsevier. v. 1, no. 1, February 1978. SB183.F5

Management review. Washington, U.S. Dept. of Agriculture. Science and Education Administration. Federal Research. no. 2, April 1978. aHD28.U5

Rural development research reports. Washington, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. no. 1, Aug. 1978. aHT392.A53

AWARDS TO BE PRESENTED BY ASSOCIATES OF THE NATIONAL AGRICULTURAL LIBRARY, INC.

Three special awards will be made to nominated outstanding recipients in the agricultural library community by the Associates of the National Agricultural Library, Inc. at their annual meeting in the summer of 1979.

The Associates will honor outstanding performance in three different categories. Those honored must be nominated for this special attention by their exceptional contributions to the improvement of the agricultural library system and its literature.

The three categories are: (1) PROFESSIONAL ACHIEVEMENT AWARD for any published

contribution to library literature or meritorious accomplishment in the library science field.

Eligibility: Open to agricultural/biological librarians and to members of the Associates NAL, Inc.


(2) CITATION OF SPECIAL RECOGNITION for special achievement and/or service given to the National Agricultural Library, to other agricultural libraries, or significant achievements leading to the advancement of the library science field. *Eligibility:* Open to concerned individuals and organizations in the agricultural field, NAL staff, and the Associates NAL, Inc.



The Award takes the form of a bronze medallion.

(3) DISTINGUISHED SERVICE AWARD recognizes and encourages meritorious performance exceeding job requirements at the National Agricultural Library. *Eligibility:* Open to all members of the National Agricultural Library Staff.

All nominations should be mailed not later than May 31, 1979 to Ms. Barbara J. Williams, Box 1565, South Carolina State College, Orangeburg, South Carolina 29115. Each nomination should include the following information: (1) Name of the award for which the candidate is proposed, (2) a brief statement of the basis of the nomination and, where appropriate, a bibliography which supports the nomination.

The Associates NAL, Inc. seek your participation and interest. 



The titles listed below are owned by the Library; those lacking call numbers have not yet been cataloged. The foreign, as well as domestic titles are available from the Library through loan or photocopy.

Annotated Bibliography of Natural Resource Information. Ecology Consultants, Inc.
Fort Collins, Colorado, U.S. Fish and Wildlife Service,
Office of Biological Services.

Northeastern Wyoming/Southeastern Montana

(FWS/OBS-77/31)

Northwestern Colorado (FWS/OBS-77/35)

Northwestern New Mexico (FW/OBS-77/33)

Southern Utah (FWS/OBS-77/34)

Southwestern North Dakota (FWS/OBS-77/32)

Free.

Order from: Drake Creekside Building

2625 Redwing Road

Fort Collins, Colorado 80526

Designed for use by field biologists, supervisors, and decisionmakers in natural resource agencies, these bibliographies provide background information to be considered in relation to energy development activities and impacts on these selected geographical areas.

**Energy Conservation: Industry* (224 report summaries)

June 78. Excludes waste heat utilization.

NTIS/PS-78/0570/8PSW

The Nutritional Value of Indigenous Wild Plants: an

Annotated Bibliography. Joel N. Elias and

John R. Robson. The Whitson Publishers Company.

Troy, New York. 1978, 232 p. 796 citations. \$18.50.

(NAL call no. Z6663. N9R6)

A Pollution Research Bibliography. 1970-1976.

J.C. Lance, USDA, SEA, National Program Staff.

Beltsville, Maryland 20705. 1977. 96 p. 1,020 citations.

Free. (NAL call no. aZ7171.L35)

**Wood Preservation.* (111 report summaries)

July 78. NTIS/PS-78/0662/3PSW.

**Wood Preservation.* (168 summaries) July 78.

(Prepared from *Engineering Index*, Inc.)

NTIS/PS-78/0663/1PSW.

*To order an NTIS search please use the order number prefaced by the letters NTIS. These searches are available in paper copy or microfiche at \$28 each, North American from National Technical Information Systems, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161.

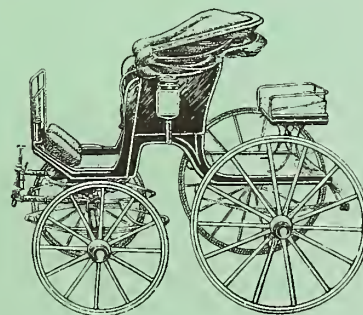
Clearance has been granted to USDA authors to compile the following bibliographies:

Management of Sagebrush Grass. Roy O. Harniss. For information contact: Compiler, U.S. Forest Service, Intermountain Forest and Range Experiment Station, Forestry Sciences Laboratory, 860 North 12th Street, Logan, Utah 84321. Harniss is also compiling a second bibliography: *Sagebrush, Grass Ecology and Management, Bibliography.*

Publications Resulting From Research Conducted on the Cascade Head Experimental Forest, 1934 to Date.

Jerry F. Franklin. For information contact: Compiler, U.S. Forest Service, Forestry Sciences Laboratory, 3200 Jefferson Way, Corvallis, Oregon 97331 (Telephone: FTS 420-4362).

Publications Resulting From Research on the H. J. Andrews Experimental Forest, 1948 to Date. Jerry F. Franklin. For information contact: Compiler, U.S. Forest Service, Forestry Sciences Laboratory, 3200 Jefferson Way, Corvallis, Oregon 97331. (Telephone: FTS 420-4362).



AGRICULTURAL TRANSLATIONS



Technical Information Systems reviews titles before translations are made in order to avoid duplication within USDA. We also receive copies on deposit often far in advance of their listings in the standard bibliographic tools. This column is an alert to selected new receipts at TIS.

These items are available to USDA personnel upon presentation of a loan request (AD-245) with the identification: TRANS. No. _____ along with the citation. Non-USDA persons may request photo-duplication at the rate of \$2 for each 10 pages or fraction thereof per citation. TRANS. No. _____ MUST be on the request. Both types of requests should be sent to:

Lending Division, Technical Information Systems
National Agricultural Library Building
U.S. Department of Agriculture
Beltsville, Maryland 20705

The Technical Translation Number will also be cited for those translations prepared for the U.S. Department of Agriculture and the National Science Foundation under the P.L. 480 program. Copies of these translations may also be ordered from the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, IL 60616.

BABKIN, V. A., et al. Study of the Possibility of Using DEAE-Sephadex in Exchange Chromatograph Method for Analysing the Organic Part of Kraft Black Liquors. Translated from Russian: *Khimia Drevesiny*. 4:45-49, 1978. TRANS. No. 23808.

BRATANOV, V. Assessment of the Pathogenic Role of Trichocephalus (Trichuris) Ovis and T. Skrjabini. Translated from Russian: *Veterinarna Sbirka*. 74(11): 35-37, 1976. TRANS. No. 23887.

BRITOV, V. A. Investigation of Genetic Relationship Between the Nematode Species of Genus *Trichinella*. Translated from Russian: *Genetika*. 13(6):1025-1029, 1977. TRANS. No. 23943.

JAKUNIN, N. K. About Preparation of Circular Saws For Work. Translated from Russian: *Woodworking Industry*, 1977/78, p. 7-9. TRANS. No. 23866.

KOHLER, K. and GOWEN, R. Optimizing Cut-to-Size Scheduling by Computer. Translated from German: *Holz als Roh-und Werkstoff*. 35: 457-459. TRANS. No. 23890.

KRON, G., and LORONZ, J. The Propagation of the Swine Fever Virus in Cultures of Macrophages and Lymphocytes of Normal and Immune Pigs. Translated from German: *Tubingen ZBL BAKT. HYG.* 236 (2-3) 150-162. TRANS. No. 23911. TT 78-59243/5.

LECLERC, J. The Foot and Mouth Disease, Tuberculosis, 2 Vanquished Scourges Brucellosis Will Be Also Vanquished If...Translated from French: *La Vie Agric. Meuse*. 106: 23, 1976. TRANS. NO. 23809. TT 78-59355.

MALYGIN, L. N., et al. Rational Schemes for Breaking Off Large Size Faulty Material. Translated from Russian: *Woodworking Industry*, 1978(7). TRANS. No. 23830.

MEIERHOFER, U. A. The Knot as a Structural Characteristic With a Bearing on Wood Quality. Translated from German: *Schweizerische Arbeitsgemeinschaft fur Holzforschung*. Bulletin 4(2) 1-16, 1976. TRANS. No. 23797.

METZNER, W., et al. New Developments in the Field of Insecticides and Fungicides for Oil-Borne Preservatives. Translated from German: *"Neuere Entwicklungen auf dem Gebiet der Insektizide und Fungizide fuer oelartige Holzschutzmittel."* Holz 35(6) 233 - 237, 1977. TRANS. No. 23821.

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The Royal Tropical Institute, Amsterdam, is at present investigating the possibility of making available a magnetic tape version of the *Abstracts on Tropical Agriculture* (ATA) data base.

Since, initially retrieval programs will not be available, it is planned to convert ATA records into the AGRIS format, so that centres currently carrying out AGRIS computer retrieval with their own software will be able to use ATA tapes with a minimum of reprogramming effort.

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During this planning stage it would be extremely useful if potential users of the ATA tape service would get in touch with the editorial office in Amsterdam, indicating their degree of interest in the current and retrospective files and adding any other comments they think relevant. The address to write to is: Mr. P. Thorpe, Agricultural Information and Documentation Section, Royal Tropical Institute, Mauritskade 63, 1092 AD Amsterdam, The Netherlands.

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June 3-15: WORKSHOP IN TEACHING AND EXTENSION METHODS IN AGRICULTURE. Guelph, Tema Workshop. Office of Continuing Education, University of Guelph. Guelph, Ontario, Canada N1G 2W1. (519) 824-4120, ext. 3956.

June 24-27: AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS AND CANADIAN SOCIETY OF AGRICULTURAL ENGINEERING SUMMER MEETING. Winnipeg, Canada. Contact: R. R. Castenson, American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, MI 49085

July 23-26: AMERICAN ASSOCIATION OF VETERINARY PARASITOLOGISTS ANNUAL MEETING (in conj.) with AMERICAN VETERINARY MEDICAL ASSOCIATION ANNUAL MEETING. Gen. Inf.: R. R. Bell, DVM, AAVP, Texas A & M University, College Station, TX 77843.

July 29-August 1: AMERICAN AGRICULTURAL ECONOMICS ASSOCIATION MEETING. Pullman, Washington. Contact: J. C. Redman, AAEA, Department of Agricultural Economics, University of Kentucky, Lexington, KY 40506.

August 5-10: AMERICAN SOCIETY OF AGRONOMY, CROP SCIENCE SOCIETY OF AMERICAN, SOIL SCIENCE SOCIETY OF AMERICA. Joint Annual Meeting, Fort Collins, CO. Contact: Bob Furbee, Public Relations Manager, ASA Headquarters, 677 South Segoe Road, Madison, WI 53711 (608-274-1212)

August 5-12: 9th INTERNATIONAL CONGRESS OF PLANT PROTECTION, Washington, D.C. Contact: James G. Horsfall, Connecticut Agricultural Experiment Station, Box 1106, New Haven, CT 06504.

August 19-24: URBAN & REGIONAL INFORMATION SYSTEMS ASSOCIATION CONFERENCE. Contact: Lee P. Johnston, URISA Conference Program Chairman, 823 Monticello Drive, Escondido, CA 92025.

August 27-31: 27TH CONGRESS OF THE INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY. Helsinki, Finland. Sponsor: International Union of Pure and Applied Chemistry, Oxford (UK). Contact: Dr. J. Larinkari, Kemian Keskuslitto, P.O. Box 13028, Fabianinkatu, SF-00131, Helsinki 13, Finland.

October 2-4: GRAIN DUST-ITS CHARACTERISTICS, EXPLOSIBILITY, HAZARD CONTROL, AND UTILIZATION-WHERE WE ARE AND WHERE WE ARE GOING. Kansas State University. Contact: Byron S. Miller, U.S. Grain Marketing Research Laboratory, 1515 College Ave., Manhattan, Kansas 66502 (913) 539-9141.

October 3-5: FIFTH INTERNATIONAL CONFERENCE ON VERY LARGE DATA BASES. Rio de Janeiro. Contact: Mr. R. J. Libero, IBM do Brasil, Caixa Postal, 1830-ZC-00, Rio de Janeiro-RJ-20.000, Brasil; or Professor Stanley Y.W. Su, Dept. of Computer and Information Sciences, Univ. of Florida, 512 Weil Hall, Gainesville, FL 32611.

October 14-18: SOCIETY OF AMERICAN FORESTERS 1979 CONVENTION. Boston, Mass. Gen. Inf.: E. F. Robie, SAF, 5400 Grosvenor Lane, Washington, D.C. 20014.

November 1979: INTERNATIONAL SYMPOSIUM ON THE STERILE INSECT TECHNIQUE AND THE USE OF RADIATION IN GENETIC INSECT CONTROL. Contact: John H. Kane, DOE, MS A1-5216, Washington, D.C. 20545 (COMM 301-353-3378)

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